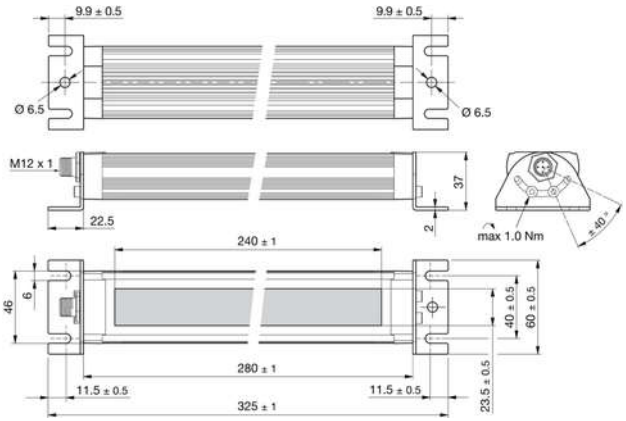
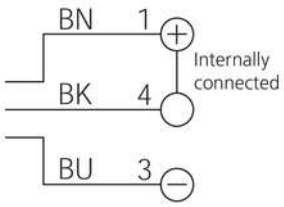
213803
MB-R-280-B5
Machine lighting, semicircle

- Extended temperature range -20 .. +50 °C
- 3 mm safety glass with opal-white glare reduction
- M12 plug connector for easy wiring
- Industrial quality due to IP 67
- Homogeneous light distribution
- Pleasant, neutral white light







BK: black BN: brown BU: blue

Function

Technical data (typ.)	+20°C, 24 V DC
Service voltage	24 V DC (± 10%)
Internal power consumption	240 mA (24 V DC)
Power	5.7 W (24 V)
Inverse polarity protection	Yes
Cascadable	Not cascadable
Illuminated area	240 x 23.5 mm
Housing material	Aluminum (natural, Anodized)
Material	Tempered safety glass, diffuse (Diffusor)
Weight	460 g
Protection class	III, operation on protective low voltage
Risk group (DIN EN 62471)	Free group
Approvals	UL
Model	Machine lighting, semicircle
Service life	> 50.000 h (L70/B10)
Product series	MB-R
Energy efficiency class (VO 2019/2015)	F (A - G)
Color	White (5 000 K)
Deflection angle FWHM	102° (typ.)
Luminous flux	555 lm
Light yield	106 lm/W
Color rendering index Ra	> 80

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Machine lighting, semicircle

Technical data (typ.)	+20°C, 24 V DC
Light intensity	■ 2900 Lux (250.0 mm) ■ 800 Lux (500.0 mm) ■ 200 Lux (1000.0 mm) ■ 90.0 Lux (1500.0 mm) ■ 50.0 Lux (2000.0 mm)
Shock/vibration load	30 g, 11 ms / 10 … 55 Hz, 1.0 mm
Ambient temperature during operation	-20 … +50 °C
Protection type	IP 67
Connection	Connector, M12, 5-pin (A-coded)

More information / accessories	https://www.di-soric.com/213803

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